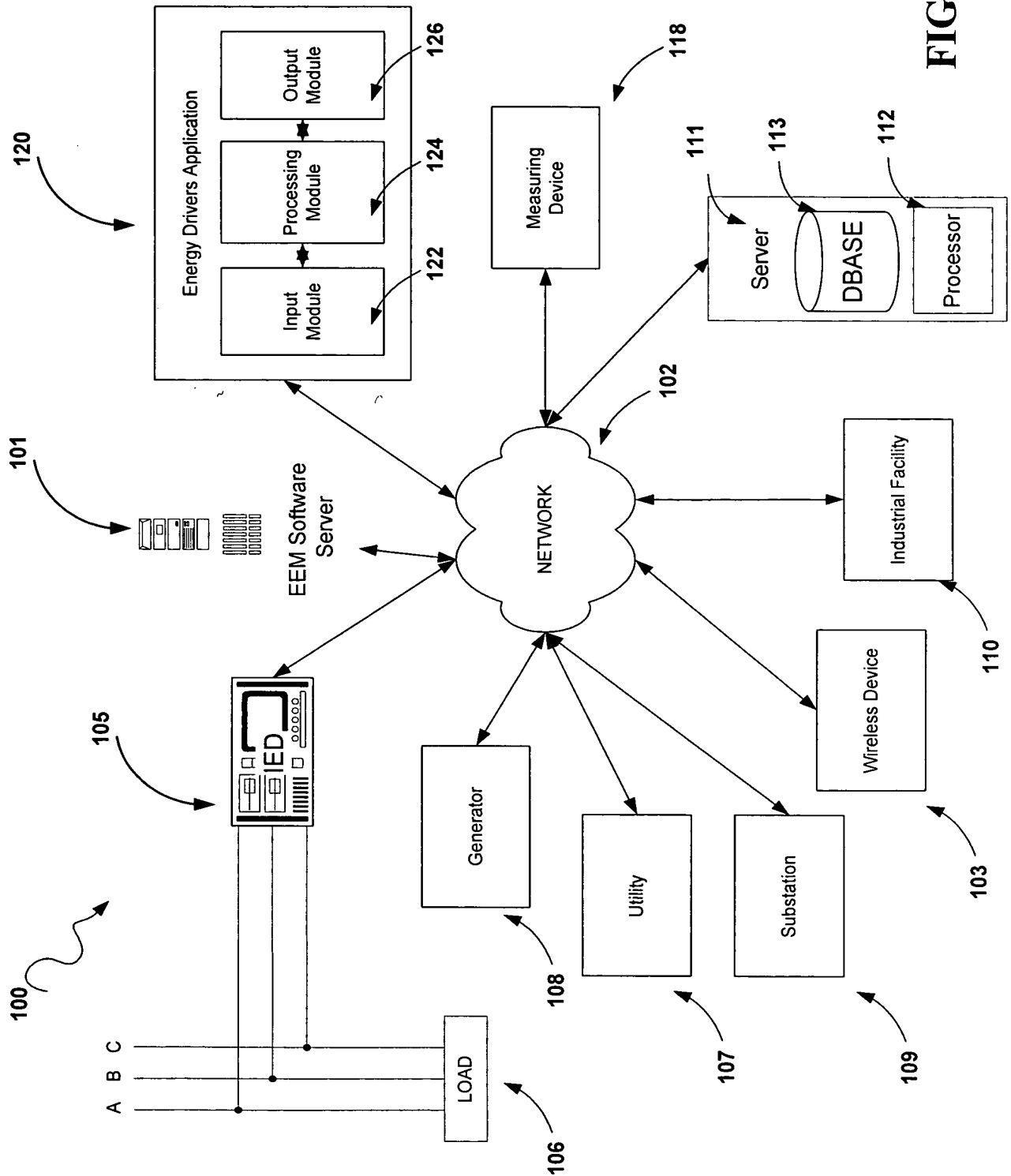


(1/13)



(2/13)

ICE Example

ICE produces a trajectory through the multi-dimensional space of time, \$ & kW (and/or some other measure of interest).

Every 15 min (or whatever the sample period is), the \$ cost is calculated.

The units of the \$ axis are: incremental \$ such that the total bill is the sum of all points. This allows user to do process-run costing and use the built in OLAP rollup functions

Predicted values can be optionally added in

Sensitivity analysis can be seen by viewing down the t axis - you see the Cost/Load shape for a given time

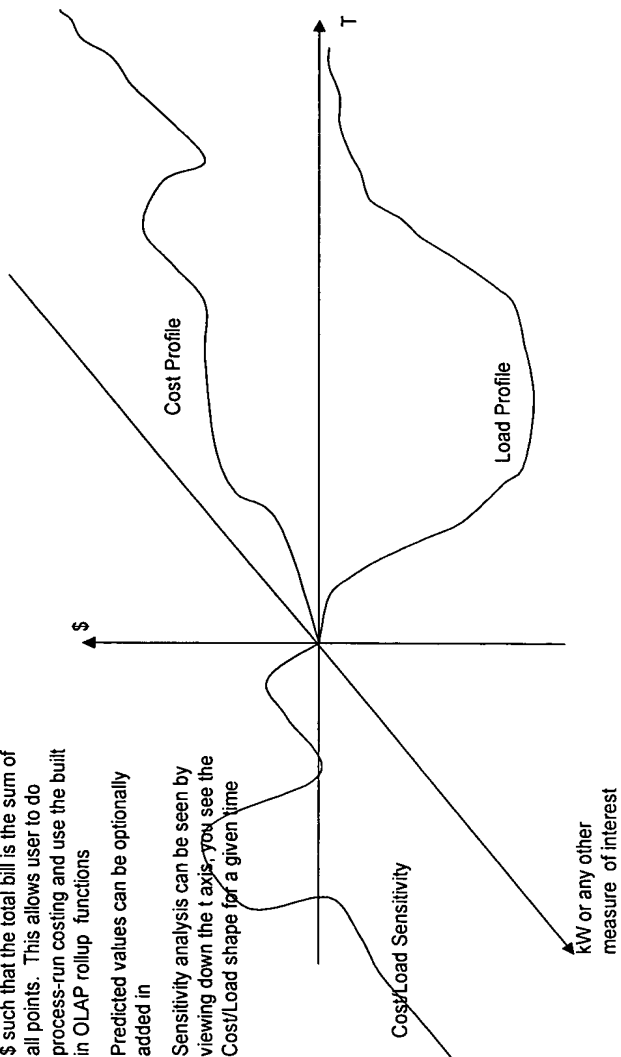


FIG. 1b

(3/13)

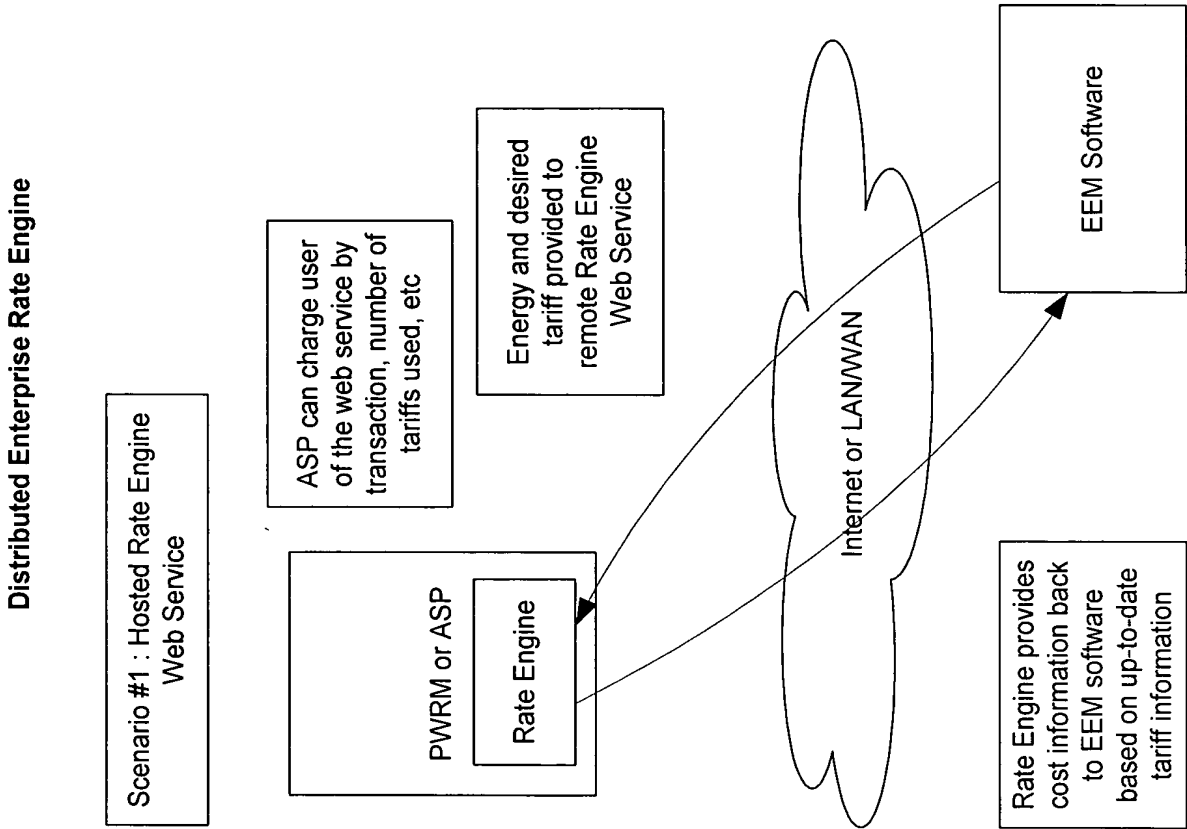


Figure 2

(4/13)

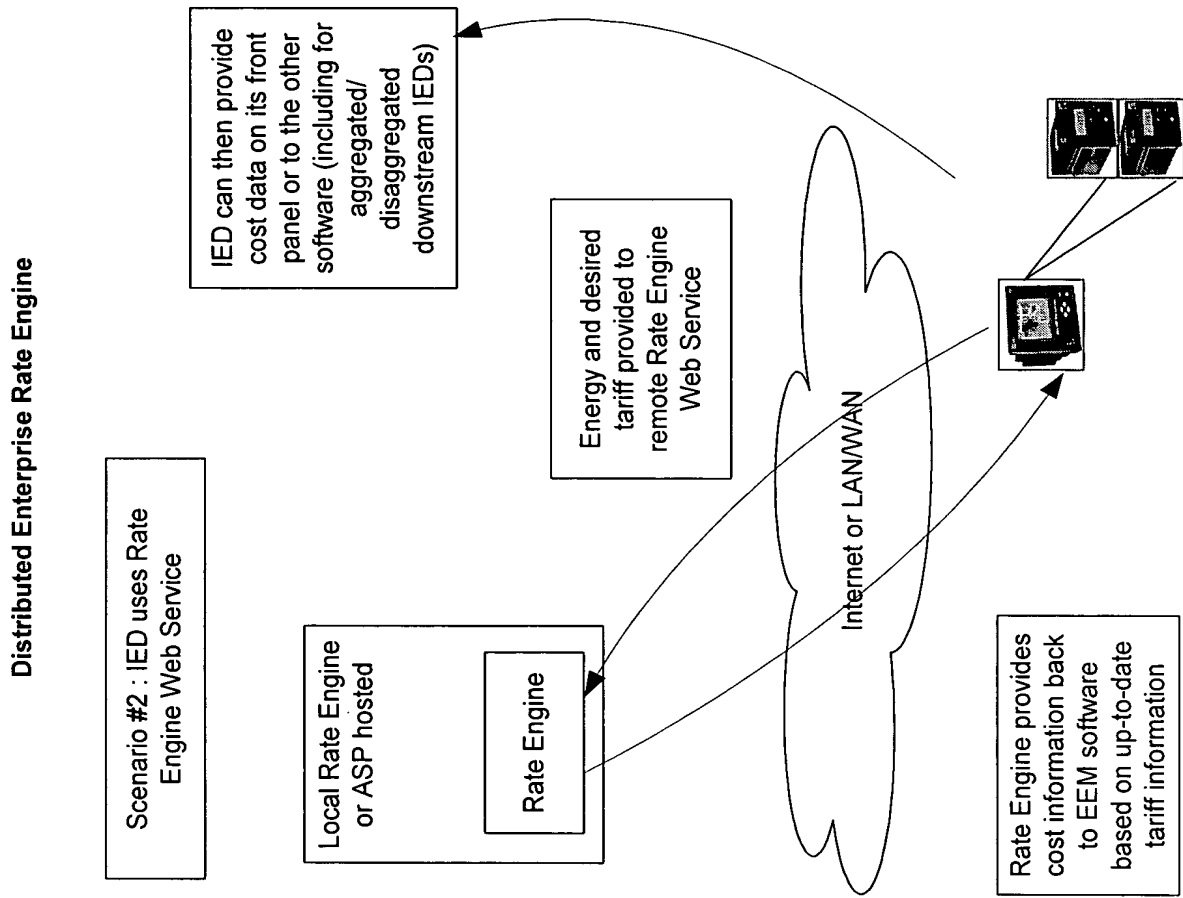


Figure 3

(5/13)

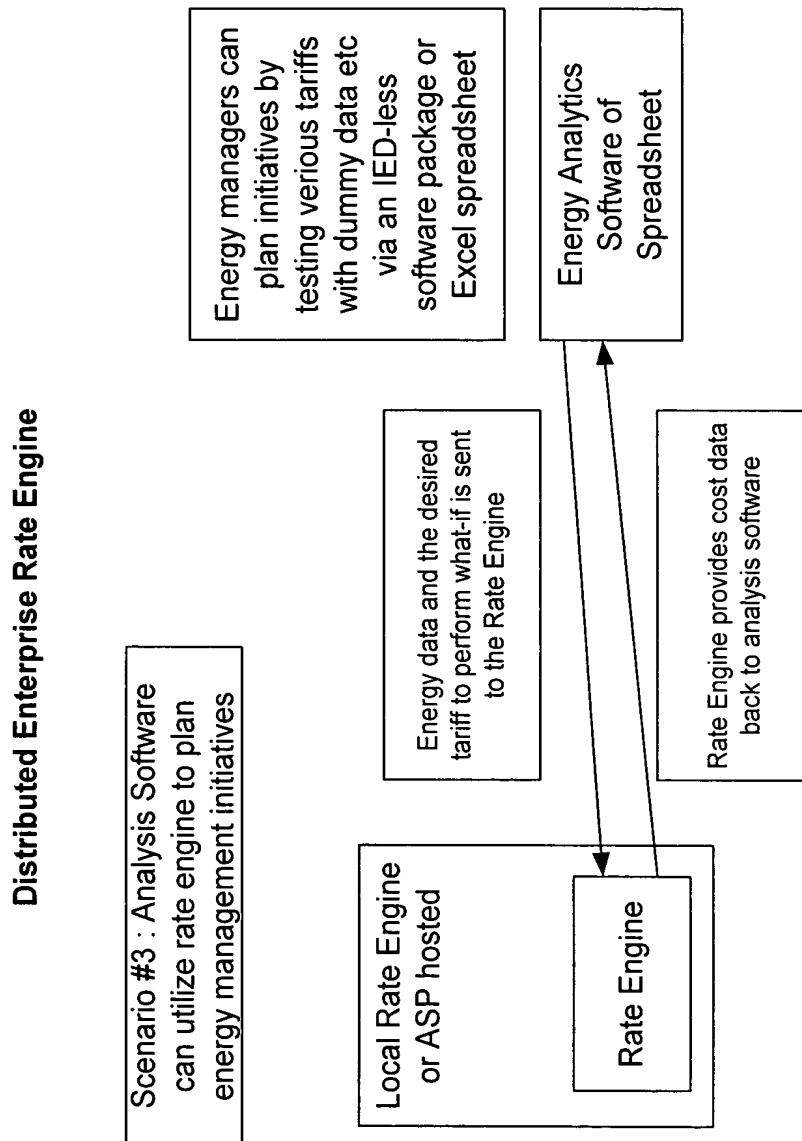
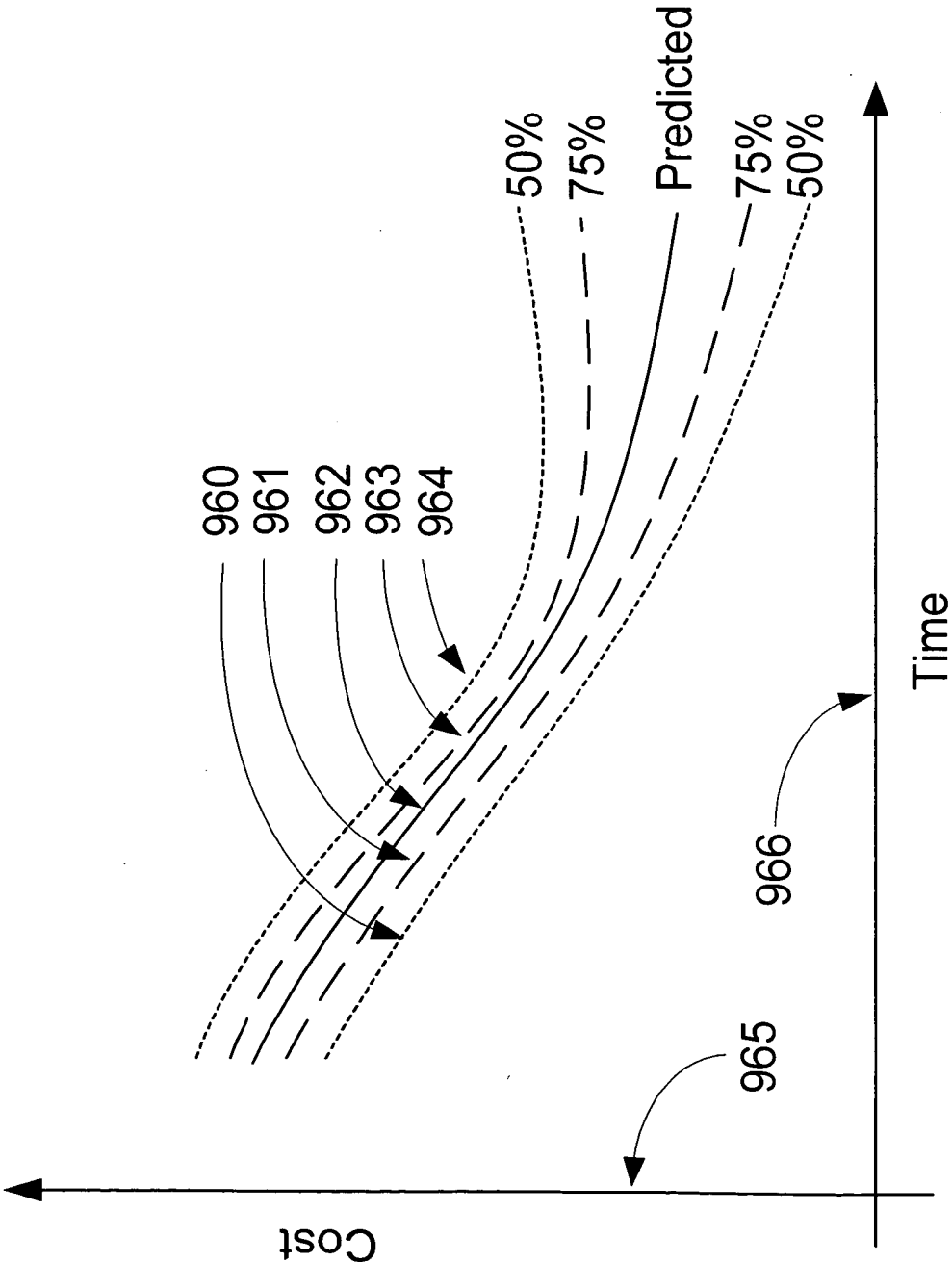


Figure 4

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Figure 5



(7/13)

Circular Data Storage

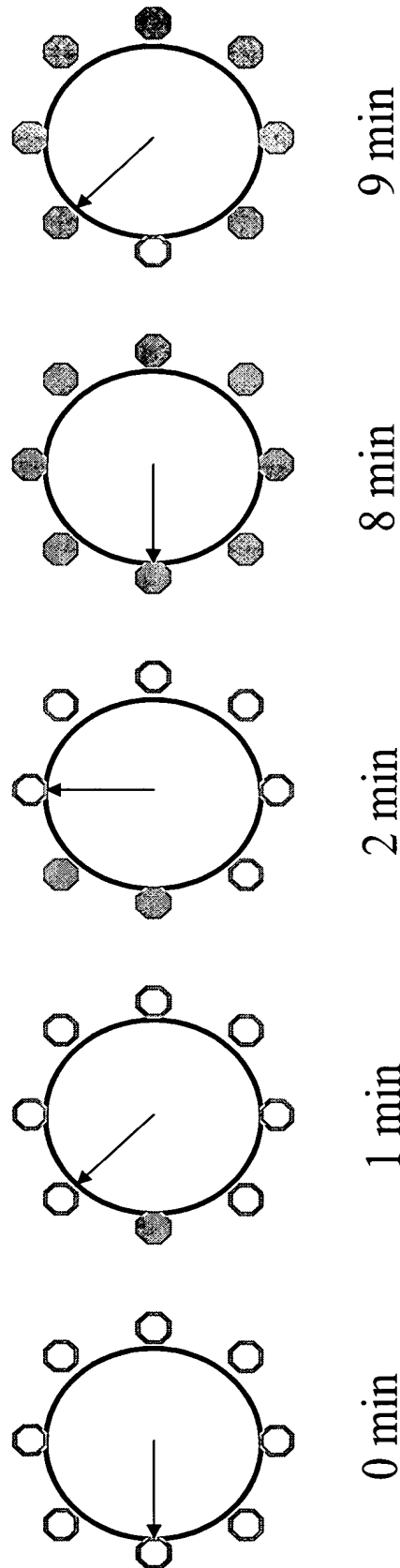


Figure 6

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Cascading Data Storage Consolidation

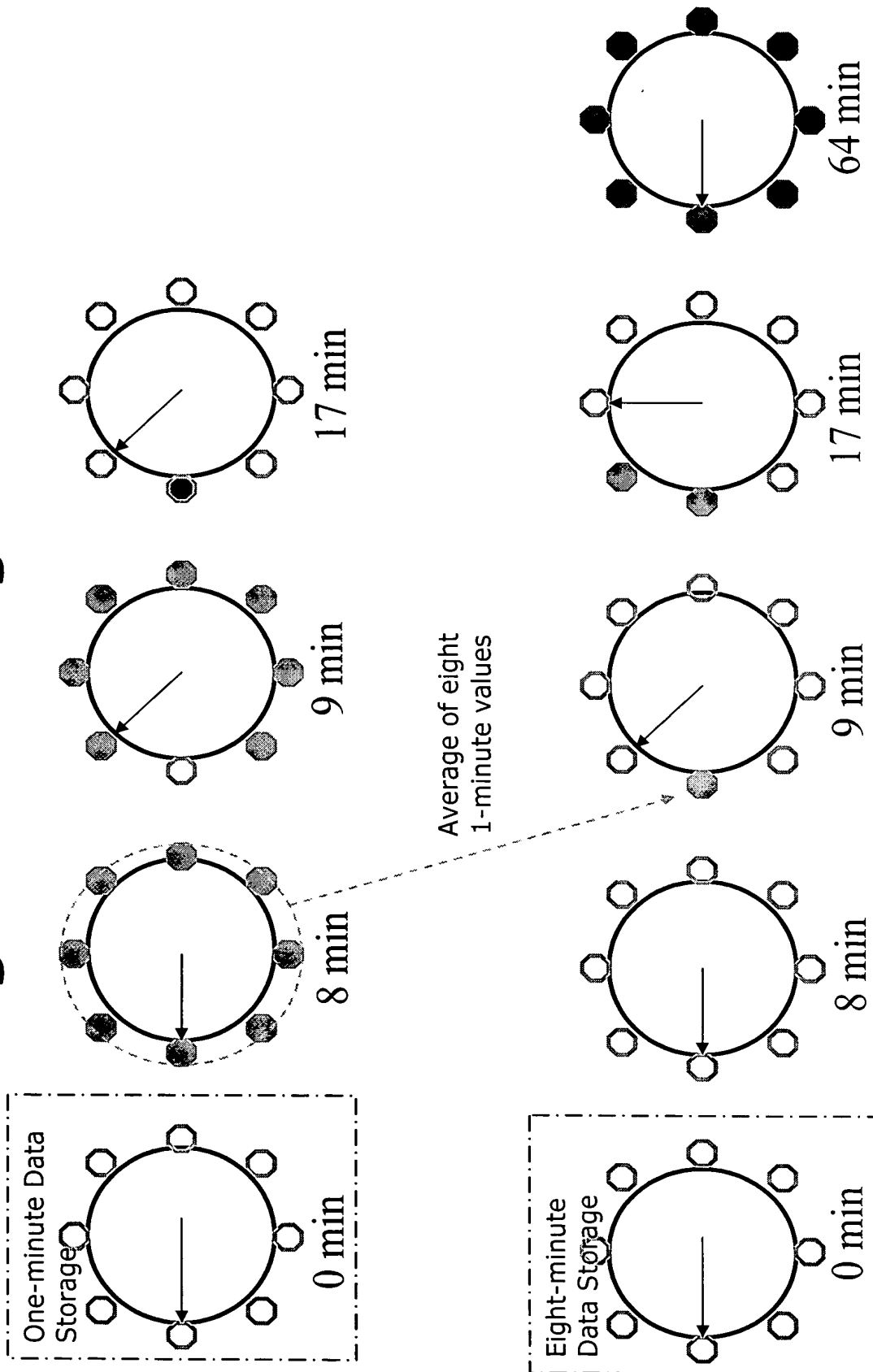


Figure 7

Cascading Circular Data Storage (9/13)

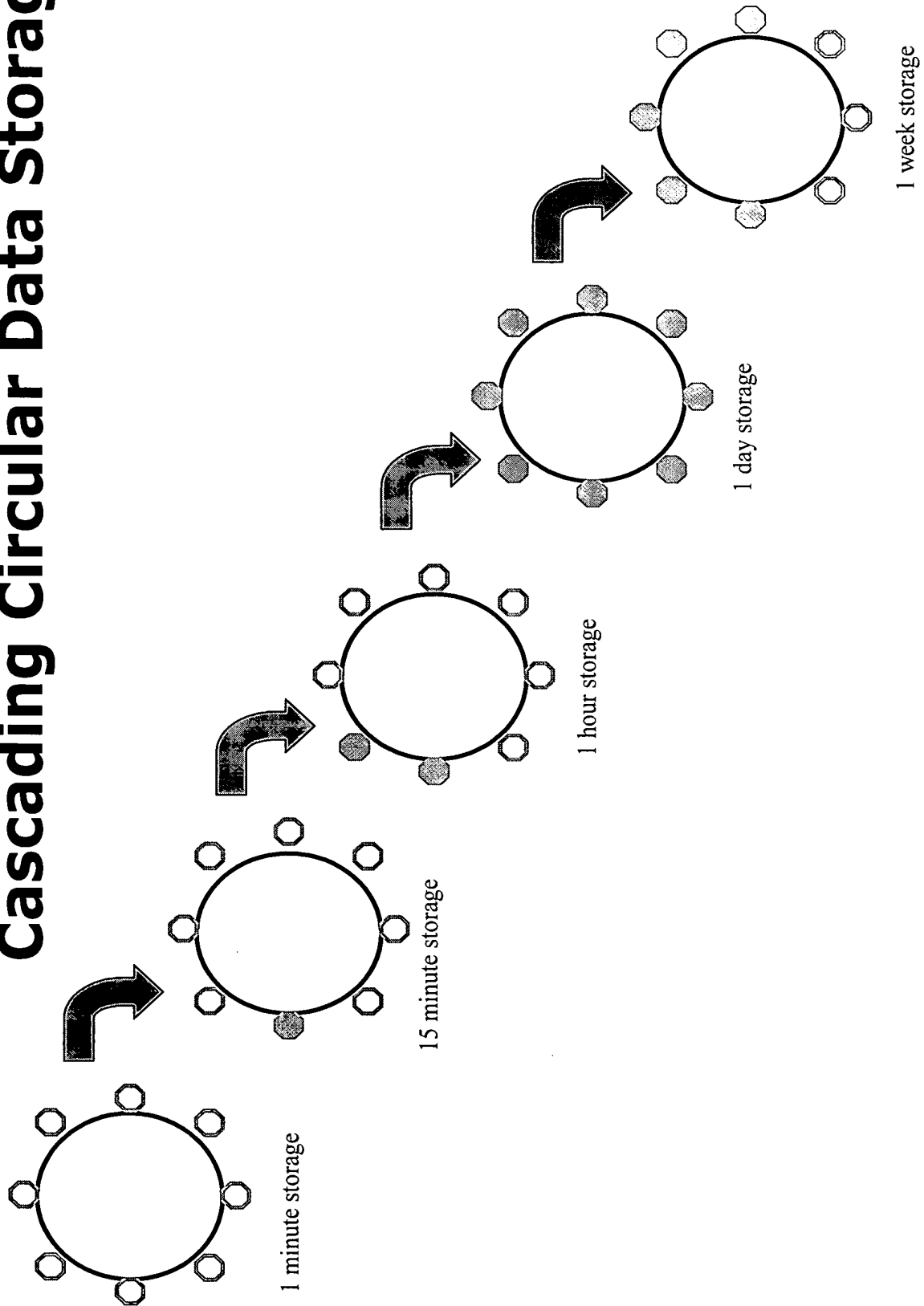


Figure 8

(10/13)

**Cascading
Data
Storage
Patterns**

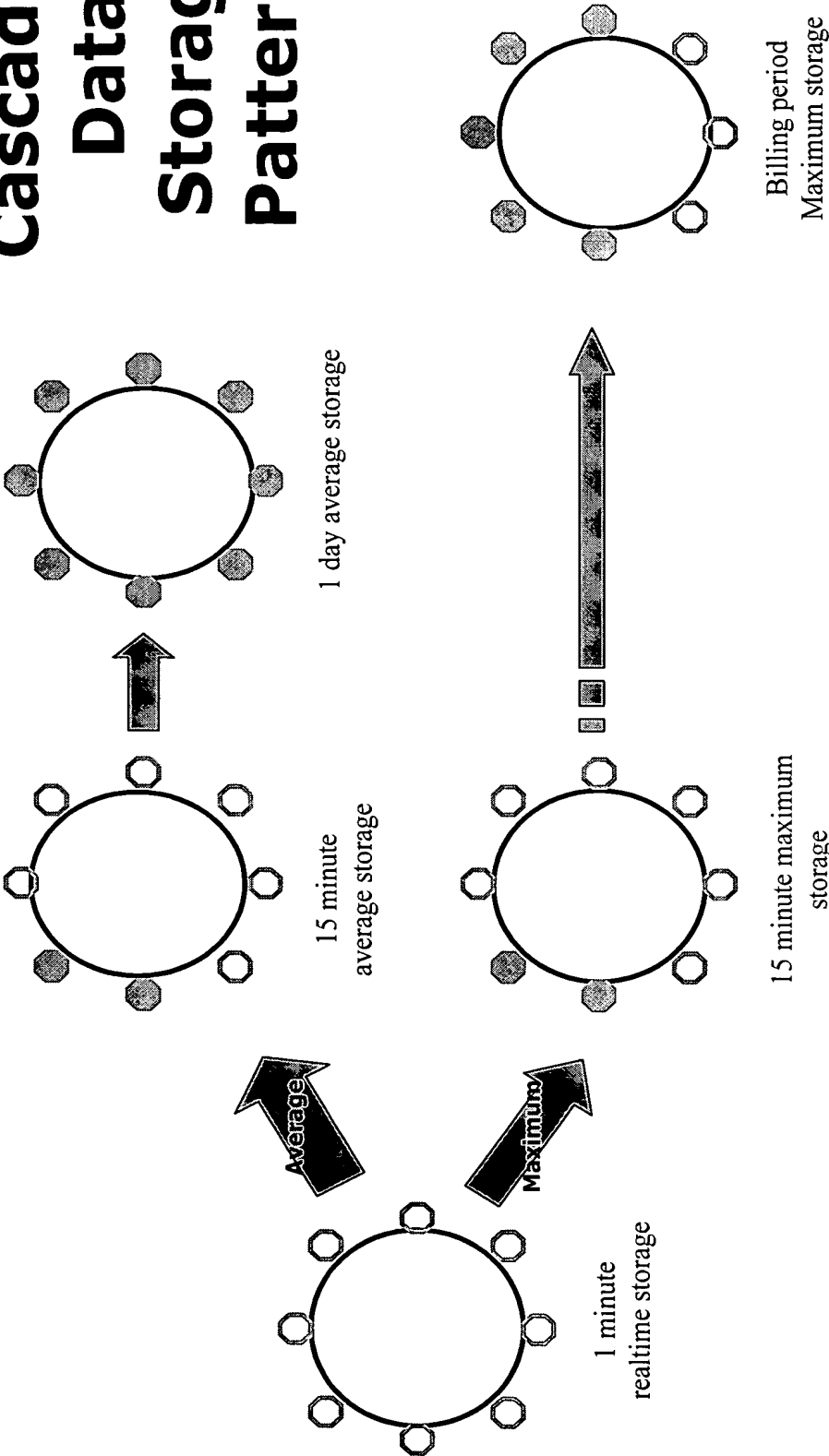
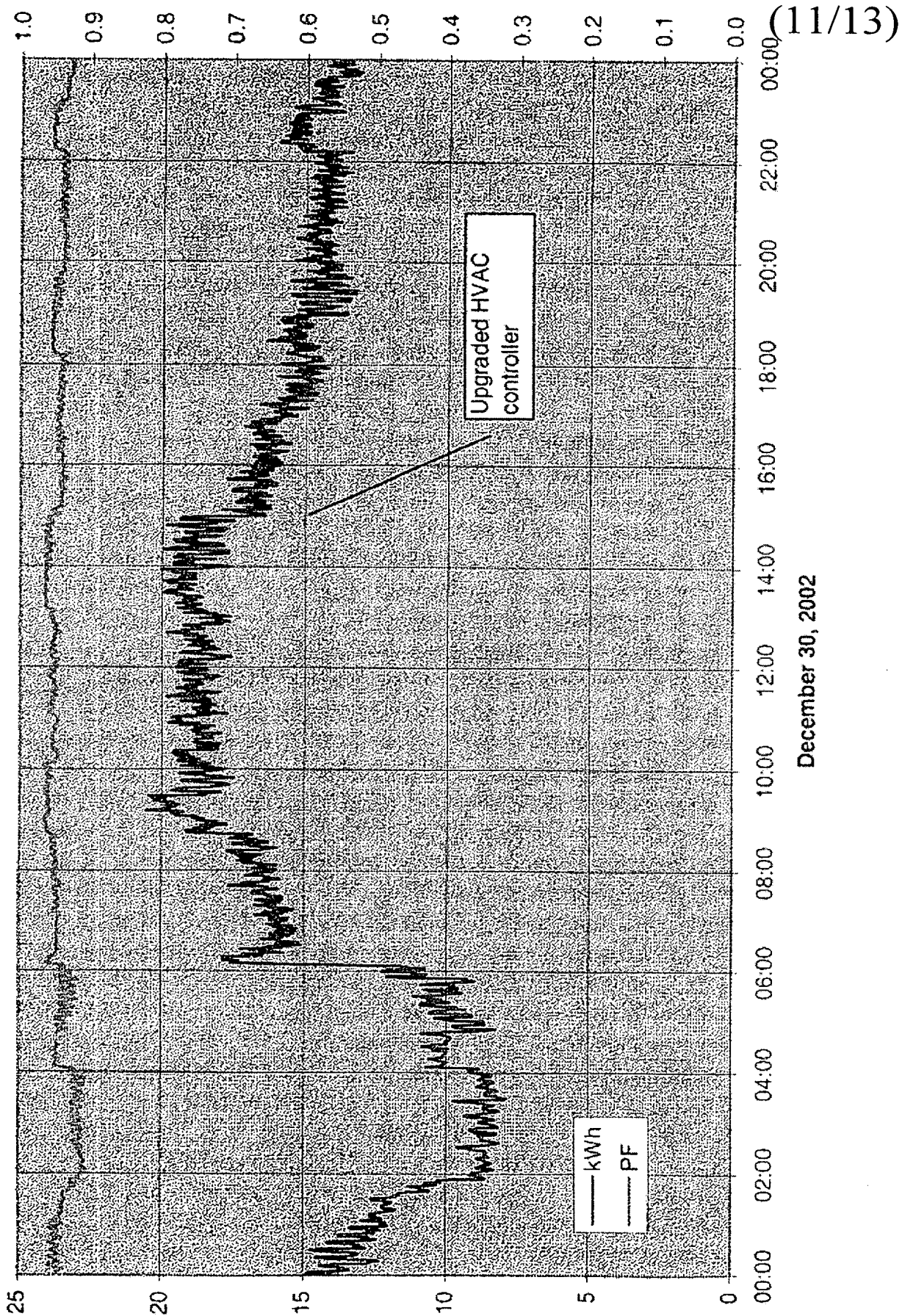


Figure 9

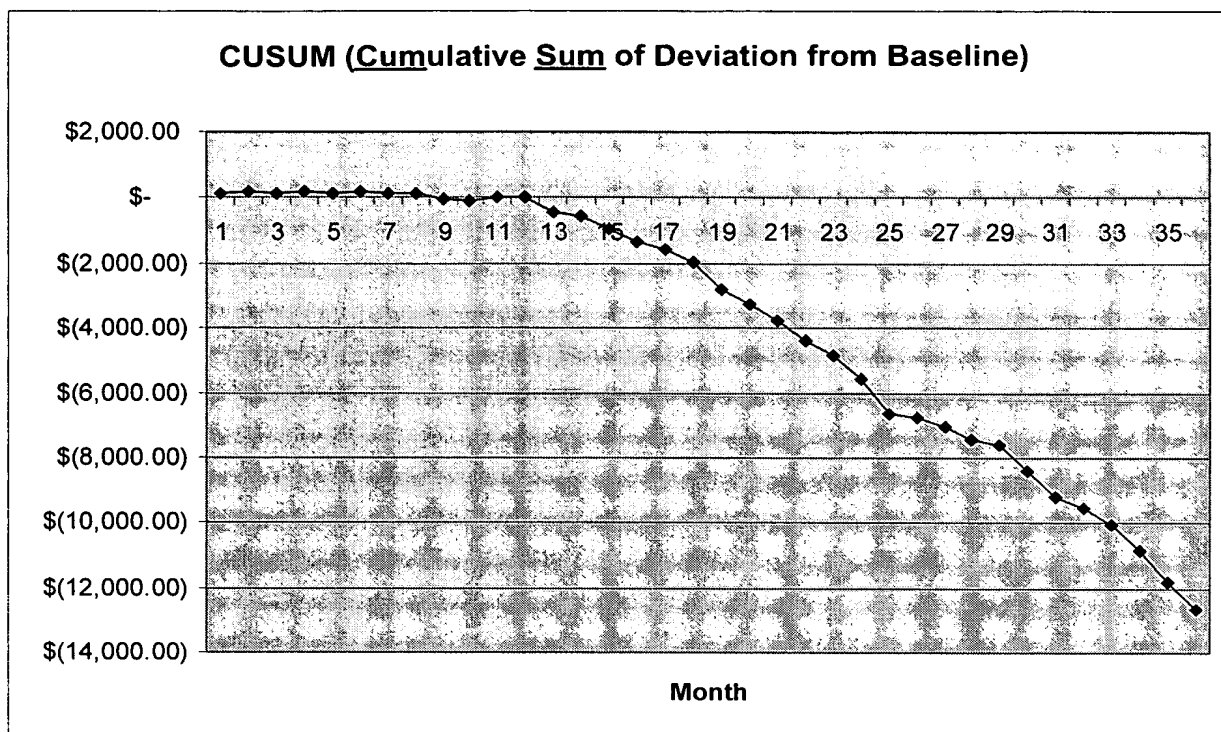
Figure 10



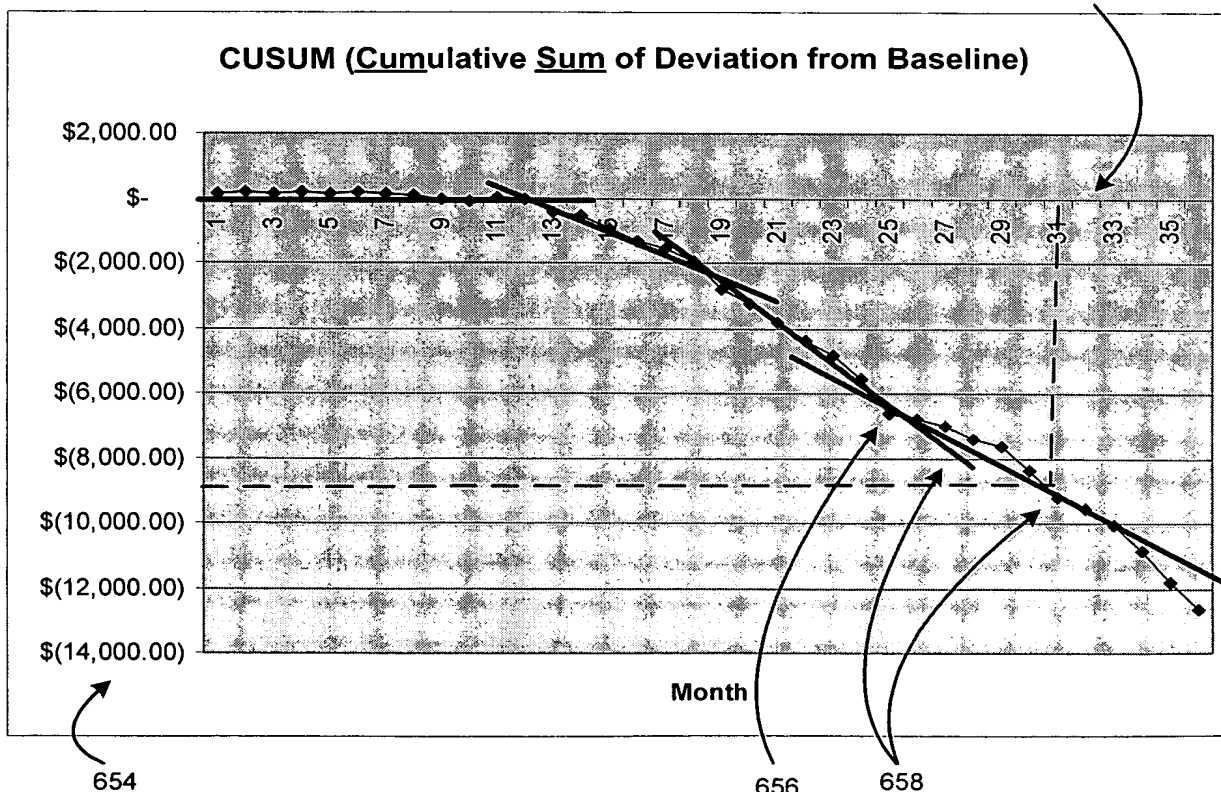
(12/13)

Figure 11

650



651



(13/13)

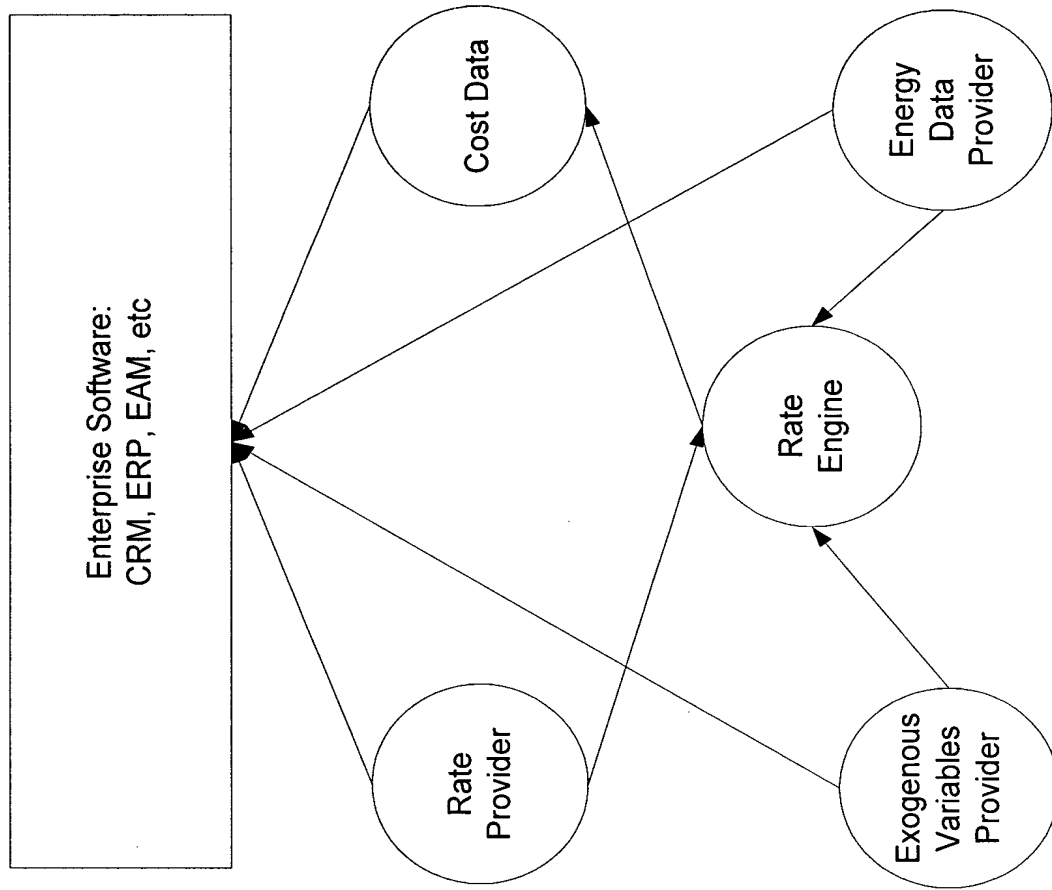


Figure 12